

**Riley T. Pratt**  
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**Ecology and Evolutionary Biology**  
321 Steinhaus Hall  
University of California at Irvine  
Irvine, CA 92697-2525

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## EDUCATION

<b>Undergraduate Institutions</b>	<b>Major</b>	<b>Degree and Year</b>
University of Colorado at Boulder	Biology	BA in Biology
CIEE Tropical Biology in Costa Rica	Biology	Completed Spring 1999
<b>Graduate Institutions</b>	<b>Major</b>	<b>Degree and Year</b>
University of California at Irvine	Ecology and Evolution	Fall 2003 - Present
Organization for Tropical Studies	Tropical Biology 04-03	Completed Summer 2004

## APPOINTMENTS

### **September 2003 - current, University of California at Irvine**

Doctoral Candidate and Teaching Assistant, *PI: Dr. F. Lynn Carpenter, (949) 824-2556.*

### **Courses Taken**

Organismal Physiology (Fall 2003), Statistics (Fall 2003), Evolution (Winter 2004), Ecology (Spring 2004), Grant Writing (Spring 2004), Molecular Techniques (Fall 2004), Advanced Statistics (Winter 2005), Biogeochemistry (Fall 2005), Plant Systematics (Spring 2006).

### **Courses Taught**

Experimental Biology Laboratory (Four quarters from 2003-2005), Ecology and Evolution (Winter 2004), Limnology (Spring 2004), Horticultural Science (Winter 2005), Global Sustainability (Spring 2006 & 2007), Field Methods in Ecology (Fall 2006), Introductory Biology (Winter 2007).

### **Professional Service**

- 2006-07 Graduate Student Representative, Ecology Faculty Search Committee
- 2006-07 Graduate Student Invited Speaker Seminar Series Organizer
- 2006-07 Co-President of the Orange County Chapter for the Society for Conservation Biology and SCB Club at UCI
- 2005 Biological consultant on UCI's EcoRaft Project, an interactive education tool designed to teach children about ecological processes, species interactions, and restoration
- 2003-07 Design and maintain University recognized academic websites (e.g. <http://eee.uci.edu/06f/05517/>)
- 2005-06 Twice a volunteer scientist and judge for the annual I.U.S.D.'s "Ask a Scientist Night"

## FUNDING

- 2007 OTS Fellowship (\$3,000)
- 2006 GAAN Summer Fellowship (\$5,000)

## PUBLICATIONS

**Pratt, R.T.**, Carpenter, F.L., Tomlinson, B. 2006. The EcoRaft Project: An interdisciplinary approach to teaching lessons in ecological restoration. *Bulletin of the Ecological Society of America*. (87)2: 176-182.

B. Tomlinson, M. L. Yau, E. Baumer, S. Goetz, L. Carpenter, **R. Pratt**, K. Young, C. May-Tobin. 2006. "The EcoRaft Project: A Multi-Device Interactive Graphical Exhibit for Learning about Restoration Ecology." In: ACM Conference On Human Factors In Computing Systems (CHI 2006), Work in Progress. Montreal, Canada. To appear.

Carpenter, F.L., Nichols, J. D., **Pratt, R.T.**, and Young K.C. 2004. Methods of facilitating reforestation of tropical degraded land with the native timber tree, *Terminalia amazonia*. *Forest Ecol. and Manag.* 202: 281-291.

### Technical Reports

**Pratt, R.**, Rose, E., and Woodworth., B. L. 2002. Initiating the recovery of the critically-endangered solitaire, the puaiohi. Annual report to cooperators, July 2001 to June 2002. (<http://www.dofaw.net/fbrp/projects.php?id=00022>)

**Pratt, R.T.**, Meyer, A, and Pratt, T.K. Kalij Project 2003 Winter Report. USGS-BRD. ([http://grad.bio.uci.edu/ecoevo/rpratt/Kalij\\_page.html](http://grad.bio.uci.edu/ecoevo/rpratt/Kalij_page.html))

## RELATED WORK EXPERIENCE

- 2003 **Field Technician, Kalij Project.** Studied the breeding biology and population dynamics of the kalij pheasant, *Lophura leucomelana*, in Hawaii National Park's Kipuka Puau. *Supervisor: Dr. Thane Pratt, USGS-BRD, (808) 985-8875.*
- 2002 **Project Coordinator, Puaiohi Project.** Designed and carried out the project's research which included monitoring the survival, dispersal, and breeding behavior of captive-bred puaiohi *Myadestes palmeri*, an endemic and endangered thrush on Kauai. *Supervisor: Dr. Bethany Woodworth, USGS-BRD, (207) 767-8148.*
- 2001 **Field Intern, Biocomplexity Project.** Assisted with a long-term study of the evolution and ecology of avian disease. *Supervisor: Erik Tweed, USGS-BRD, (808) 967-7396 x232.*
- 2001 Volunteer at the Society for Conservation Biology Annual Meeting, Hilo, Hawaii.
- 2001 **Field Intern, Puaiohi Project.** Helped monitor the survival, dispersal, and breeding behavior of captive-bred puaiohi. *Supervisor: William Monahan, USGS-BRD, (510) 642-7888.*
- 2000 **Field Intern.** Assisted in a graduate study examining the effects of multiple predators on the trophic structure within Ponderosa Pine canopies. *Supervisor: Kailen Mooney, (607) 351-5653.*

## COLLABORATORS & OTHER AFFILIATIONS

- Dr. F. Lynn Carpenter, Advisor and Professor. Department of Ecology and Evolutionary Biology. 321 Steinhaus Hall, University of California, Irvine, CA 92697. (949) 824-2556, [flcarpen@uci.edu](mailto:flcarpen@uci.edu).
- Dr. Bill Tomlinson, Professor. Department of Informatics. University of California, Irvine, CA 92697. (949) 824-9333, [wmt@uci.edu](mailto:wmt@uci.edu).
- Dr. Thane Pratt, Biologist. USGS-Biological Resource Division. P.O. Box 44, Hawaii National Park, HI 96718. (808) 985-8875, [thane\\_pratt@usgs.gov](mailto:thane_pratt@usgs.gov).